



Economics and Statistics Administration

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Before Starting

What Is the Statistical Abstract of the United States?

The *Statistical Abstract* is the nation's best known and most popular single source of statistics on the social, political, and economic organization of the country. The *Abstract* has been published since 1878 while the compact disc version first appeared in 1993. Each is designed to serve as a convenient, easy-to-use statistical reference source and guide to statistical publications and sources. Both contain over 1,400 tables from almost 300 different governmental, private, and international organizations.

What's New for 2001

The big change this year is in the number and order of the sections. For instance, the previous Section 7, Parks, Recreation, and Entertainment, has been eliminated with most of the material being distributed into the new sections on Information and Communications (section 24), or Arts, Entertainment, and Recreation (section 26). The previously separate Sections 21 and 22 on Land Transportation and Air and Water Transportation are now combined into one section on Transportation (section 23). Also, there is a new section on Accommodation, Food Services, and Other Services

(section 27). The special section (32) with summary industry tables from the 1997 Economic Census was also deleted with the tables being dispersed throughout the sections in the book and disc. These changes, along with the changes in the ordering of sections, were made to reflect the changes in collection of economic data from the Standard Industrial Classification (SIC) to the North American Industry Classification System (NAICS). For more information on NAICS, see text, Section 15, Business Enterprise.

As usual, we have updated most of the more than 1,500 tables and charts that were on the previous disc with new or more recent data. Most noteworthy, are new data from the 2000 Census found in many tables in the Population and Construction and Housing sections and results from the 2000 national elections found in the Elections section.

This year we have introduced over 120 new tables covering a wide range of subject areas. New tables cover such topics as minority- and women-owned businesses, national health expenditures, advanced telecommunications in private schools, drivers stopped by police, wetlands, water quality, temporary assistance for needy families, job search methods, pesticides, commercial buildings, pharmaceutical preparations, motor vehicle manufactures, software publishers, wireless telecommunication carriers, and e-Commerce. For a complete list of new tables, see Appendix VI, pp. 941.

The disc includes content not found in the book such as—

- Adobe Acrobat PDFs providing more explanation of several major economic series including the federal budget, the National Income and Product Accounts (NIPA), North American Industry Classification System (NAICS). Other PDFs provides information on the federal court system and social security. Links to these supplemental materials are provided from each appropriate table or from the text beginning the appropriate sections.
- Maps for reference from many different agencies. New this year are world and international maps from the Central Intelligence Agency and energy related maps from the Energy Information Administration. The usual maps of each state and their metro areas and component counties; congressional districts, national park sites throughout the country, U.S. transportation facilities and routes, coal mines and facilities; and forest land return.

The Adobe Acrobat Reader and Search engine, Version 4.0 and 5.0 are on the disc. The Acrobat Reader allows users to view, navigate, search, and print on demand any of the pages from the book. **We strongly recommend that you install the appropriate version (see System Requirements) of Adobe Acrobat Reader to your hard disk for use with this CD-ROM.**

Copyrighted Tables

This is a reminder that there are a number of tables on the disc (just like the book) that are subject to copyright restrictions. The restrictions are indicated in the source notes below each table. Permission to reproduce copyrighted material must be obtained directly from the copyright owner. There are several tables that only appear in the printed version of the book as the copyright holder withheld permission to release on the compact disc. These are so noted by the table number, title, and a statement.

Getting Started

Your Options (Adobe Acrobat, Excel, and Lotus)

The compact disc again provides users with several different methods to use the information. We believe that this will allow the user choices in terms of equipment, operating environment or system, and independent software access.

Adobe Acrobat offers the advantage of higher quality output. Acrobat also runs on many different types of platforms and environments such as Windows 2000, 95/98, or NT. The Acrobat Search function allows users to easily find information on the disc by retrieving the individual table or PDF file (see “Searching and Navigating”).

The Statistical Abstract tables and the population of metropolitan areas appendix table are also available in both Excel (.xls or .xlw) and Lotus spreadsheet (.wk1 or .wk4) formats. In most cases, these spreadsheet files offer the user direct access to more data than either shown in the publication or Adobe Acrobat. These files usually contain more years of data, more geographic areas, and/or more categories of subjects. For instance, the weather tables (371-377) present data for about 70 weather stations or cities in the Adobe Acrobat or book version while the Excel and Lotus files contain over 280 areas. The national income tables and product tables (640 and 642) contain data back to the 1950s. In some files,

definitions and survey descriptions may be found below the tabular information. The user must supply his or her own software or use the free Microsoft Excel Viewer found on the disc to access either spreadsheet file. The PDF files are hyperlinked to the spreadsheet files so that a user can display simultaneously the Acrobat PDF file and a spreadsheet file.

System Requirements

Acrobat Reader 4.x and 5.0 System Requirements

This document lists the system requirements and recommendations for Adobe Acrobat Reader and Acrobat Reader with Search for Mac OS, Windows, and UNIX. Both Adobe Acrobat Reader 4.0 and Reader 5.0 have been included on this CD-Rom. It is recommended that users follow the Systems Requirements when determining which version to install. In general, users running windows 95, 98, or NT 4.0 should install Adobe Acrobat Reader 4.0 and users running Windows ME, 2000, or XP should install Adobe Acrobat Reader 5.0.

Note: Acrobat Reader 3.0 is available for OS/2; for more information, see www.adobe.com/products/acrobat/readstep.html.

Acrobat Reader 5.0 System Requirements

System requirements for Adobe Acrobat Reader 5.0 for Mac OS and Windows.

Mac OS

- Power PC processor
- Mac OS 8.6*, 9.0.4, 9.1, or OS X*
- 64 MB of RAM
- 24 MB of available hard drive space for installation
- CD-ROM drive
- 70 mb additional hard drive space for Asian fonts (optional)

* Some features may not be available because of system limitations.

Windows

- Intel Pentium processor
- Microsoft Windows XP, Me, 2000, NT 4.0 with Service Pack 5 or later, 98 Second Edition, or 95 Service Release 2 (OSR 2)
- 64 MB of RAM
- 24 MB of available hard drive space for installation
- CD-ROM drive
- 70 MB additional hard drive space for Asian fonts (optional)

Acrobat Reader 4.x System Requirements

System requirements and recommendations for Adobe Acrobat Reader 4.x and Acrobat Reader with Search 4.x for Mac OS, Windows, and UNIX.

Mac OS

Requirements

- Apple Power Macintosh or compatible computer with Power PC processor.
- Mac OS 7.1.2 or later
- 4.5 MB of RAM
- 8 MB of available hard drive space for installation
- CD-ROM drive

Recommendations

- 6.5 MB of RAM
- 50 MB additional hard drive space for Asian fonts

Windows

Requirements

- Intel 486 or Pentium processor computer

- Microsoft Windows 95, Windows 98, or Windows NT 4.0 with Service Pack 3 or later
- 8 MB of RAM (Windows 95 and Windows 98) or 16 MB of RAM (Windows NT)
- 10 MB of available hard drive space for installation
- CD-ROM drive

Recommendations

- 16 MB of RAM (Windows 95 and Windows 98)
- 24 MB of RAM (Windows NT)
- 50 MB additional hard drive space for Asian fonts

UNIX Requirements

IBM AIX

- 32 MB of RAM
- 12 MB of hard drive space
- IBM AIX 4.1 or later
- Common Desktop Environment (CDE) 1.0 or Motif

DEC OSF/1

- 32 MB of RAM
- 12 MB of hard drive space
- DEC OSF/1 version 4.0 or later

HP UX

- 32 MB of RAM
- 12 MB of hard drive space
- Series 9000 Workstation, Model 700 or greater
- HP-UX 9.0.3 or later
- HP-UX 9.0.3 or later
- X Window System X11R5 with PH-VUE or Common Desktop Environment (CDE) 1.0 or later

Silicon Graphics workstation

- 32 MB of RAM
- 12 MB of hard drive space
- Silicon Graphics IRIX 5.3 or later

LINUX

- 32 MB of RAM
- 12 MB of hard drive space

- Red Hat Linux 5.1 or later (non-glibc versions), or Slackware Linux 2.0 or later (non-glibc versions)

Sun Solaris X86 and Sun Solaris Sparc System

- 32 MB of RAM
- 12 MB of hard drive space
- Solaris 2.3 or later
- Sun OpenWindows 3.0 or later, Motif 1.2.3 or later, OpenLook 3.0, or Common Desktop Environment (CDE) 1.0 or later

Note: Acrobat Reader 4.x does not run under SunOS or Solaris 2.0, 2.1, or 2.2.

Installing Software

Adobe Acrobat

This CD-ROM contains the Acrobat Reader 4.0 installers with Acrobat Search for Windows and Unix. For the best results in its use, you should use a search enabled version of Acrobat 4.0 (instructions below). The *Statistical Abstract* is presented as a series of PDF (Adobe Acrobat Portable Document Format) files in the [CD DRIVE]:\PDF directory on the CD-ROM. To view these files, you must first install the Adobe Acrobat Reader. **You will want to install the appropriate version (see System Requirements on page 6) of this Reader on the CD-ROM. Before installing, uninstall Adobe Acrobat 3.x and Acrobat Reader 3.x. After installation, remember to reboot your computer.**

Users with Adobe Acrobat 4.0 currently installed may not need to install the Acrobat Reader 4.0. However, it is important that the Web Capture Preference in the drop down file menu be changed to open Weblinks in a Web browser and not Adobe Acrobat.

Windows users

The “Install Software” section, found on the opening screen of the DemoShield application, handles the installation of the Adobe Acrobat and other viewing tools. It is recommended that you use

the Statistical Abstract DemoShield application for installing the Adobe Acrobat Reader. You may want to begin all your user sessions from within the DemoShield application, but that is optional.

The AutoPlay feature has been enabled for Microsoft Windows 95/98 users. This will cause the DemoShield application to automatically start on your desktop when the disc is inserted in the drive. If you are not using Windows 95/98 or have disabled the AutoPlay feature in that environment, the DemoShield application must be started manually. To start the application in this manner, all Window users should use either the Explorer or the Program Manager to double-click the STATAB01 icon and then double-click the file named launch.exe. This will load the appropriate files for your version of Windows to allow you to use the DemoShield application. This can also be done from “Run” in the “Start” menu by entering [CD DRIVE]:\launch.exe, where the [CD DRIVE] is replaced with the corresponding letter of your CD reader on your computer.

UNIX users

To run the installation script:

- Change to the directory containing installation script: [CD DRIVE]:/ACROREAD/ and review the installation instructions in UNIXREAD.TXT.
- Start the installation script. The filename of the script may be uppercase or lowercase depending on your system.
- Follow the instructions that appear on your screen. If you make a mistake, you can either exit at different points in the procedure or press the interrupt key sequence to cancel the installation.

Microsoft Excel Viewer

The “Install Software” section, found on the opening screen of the DemoShield application, handles the installation of the Microsoft Excel Viewer, and other related viewing tools. It is recommended that you use the Statistical Abstract DemoShield application for installing this software. You do not need Excel installed on your computer to install the Viewer.

However, installation of this software is optional. If you already have spreadsheet software, you probably do not need to install this Viewer. If you do install the Viewer, you will be able to open, view, copy, and print the content of Excel .xls spreadsheet files found on this CD-ROM. You cannot edit or save an open workbook or create new workbooks in Microsoft Excel Viewer.

Navigating and Searching

Users that are not familiar with Adobe Acrobat should take a few minutes to review the navigating and searching information, which is available by selecting the “How to Use” button on the opening screen. A tutorial demonstration of these tools is presented. Most of the material covered below on the Adobe icons is covered in more detail in those demonstrations.

The easiest and simplest way for a new user to navigate through the *Statistical Abstract* CD-ROM is to start with the Contents document, which may be opened after installing or launching Acrobat. Another option is to launch the Adobe Acrobat software directly from the DemoShield application software. Both methods will bring the user to a screen displaying both the complete alphabetical index of key words like you would find in the book and the table of contents (see Figure 1). This screen affords the user three choices for locating the desired information or table: (1) to search using the index, which provides direct links to the tables, (2) to go directly into a topical section such as “Population” or “Health and Nutrition” and page through the section, or (3) to use the “Search” function. The user should next select the “Search” icon and simply enter a keyword or phrase to conduct a full-text search of all files on the CD, including text within graphics and charts. A thesaurus is available to facilitate and assist in the search.

Figure 1. **Contents.pdf Page**

● Section 1. Population (Tables 1 - 67)	● Section 11. Social Insurance and Human Services (Tables 518 - 566)	● Section 21. Manufactures (Tables 971 - 1016)	● Appendix I. Guide to Sources of Statistics
● Section 2. Vital Statistics (Tables 68-118)	● Section 12. Labor Force, Employment, and Earnings (Tables 567 - 639)	● Section 22. Domestic Trade (Tables 1017 - 1049)	● Guide to Statistical Abstracts
● Section 3. Health and Nutrition (Tables 119 - 204)	● Section 13. Income, Expenditures, and Wealth (Tables 640 - 690)	● Section 23. Transportation (Tables 1050 - 1118)	● Guide to Foreign Statistical Abstracts
● Section 4. Education (Tables 205 - 290)	● Section 14. Prices (Tables 691 - 709)	● Section 24. Information and Communications (Tables 1119 - 1159)	● Appendix II. Metropolitan Areas: Concepts, Components, and Population
● Section 5. Law Enforcement, Courts, and Prisons (Tables 291 - 342)	● Section 15. Business Enterprise (Tables 710 - 766)	● Section 25. Banking and Finances (Tables 1160 - 1229)	● Appendix III. Limitations of the Data
● Section 6. Geography and Environment (Tables 343 - 377)	● Section 16. Science and Technology (Tables 767 - 795)	● Section 26. Arts, Entertainment, and Recreation (Tables 1230 - 1262)	● Appendix IV. Weights and Measures
● Section 7. Elections (Tables 378 - 412)	● Section 17. Agriculture (Tables 796 - 845)	● Section 27. Accommodation, Food Services, and Other Services (Tables 1263 - 1290)	● Appendix V. Tables Deleted From the 2000 Edition of the Statistical Abstract
● Section 8. State and Local Government Finances and Employment (Tables 413 - 456)	● Section 18. Natural Resources (Tables 846 - 888)	● Section 28. Foreign Commerce and Aid (Tables 1281 - 1306)	● Appendix VI New Tables
● Section 9. Federal Government Finances and Employment (Tables 457 - 489)	● Section 19. Energy and Utilities (Tables 889 - 924)	● Section 29. Outlying Areas (Tables 1307 - 1323)	● Index
● Section 10. National Defense and Veterans Affairs (Tables 490 - 517)	● Section 20. Construction and Housing (Tables 925 - 970)	● Section 30. Comparative International Statistics (Tables 1324 - 1391)	● Supplemental Material
			● Economic Indicators
			● Maps
			● Statistical Abstract Web Site
			● Telephone Contacts

We have improved and enhanced data on the disc and the software used for accessing the information. The enrichments to the data and their access include:

- Our table of contents page has a PDF of our web site. This will enable you to have direct links to the *Statistical Abstract* and its supplements and other features, such as *USA Statistics in Brief* and Frequently Requested Tables.
- A link to our table of contents from the first text page of each section facilitates quick movement between sections of the book.

Adobe Icons and Help

First, if you are not familiar with Adobe Acrobat, we strongly encourage you to read the “Adobe Acrobat 5.0 Guide” that may be accessed using the “Help” function on the top menu bar once Acrobat is launched. The user should then select “Acrobat Help” from the drop down menu, then “Contents” and finally the “Looking at the Work Area,” which the “Looking at the Work Area” section will provide a quick overview of the Acrobat icons and features that you will need in order to fully utilize this disc. A few minutes with this handy guide is well worth your time.

You can navigate in PDF documents by paging through them or by using the navigational structures (bookmarks and thumbnails). The main icons that you will use in paging through appear in Figure 2 and in the command bar near the top of your Acrobat window. Bookmarks, which provide a visual table of contents for each section or a list of tables in most cases, appear in an area called the

navigation pane on the left side of the screen. You may switch to thumbnails or miniature versions of the document pages. The “Document” and “Window” options on the top menu bar provide another way of accessing the same navigational options.

Figure 2. **Adobe Icons**

Previous Page or Next Page



Go to Previous View or
Go to Next View



First Page or Last Page

The “Search” and “Find” functions (Figure 3) appear very similar in appearance, but can yield very different results. We recommend that you use the “Search” function as it is more powerful and will usually yield the desired results. Use the “Show/Hide” button in order to display full screen or to hide bookmarks.

Figure 3. **Find, Search, Search Results, and Show/Hide Navigation Pane Icons**

Find



Search



Search Results



Show/Hide



Buttons

Two buttons (see Figure 4) to the side of each table provide hyperlinks to spreadsheet files associated with each table. If your Excel or Lotus spreadsheet program is not loaded, Acrobat will launch your software package and bring the attached spreadsheet to your screen. An intermediate screen will appear at this stage before launching either Lotus or Excel. Please ignore. If you want to move between the PDF and its associated spreadsheet, use “ALT” key, then the “TAB” key to toggle between the PDF file and spreadsheet.

All tables have a third button designated “Internet” that provides a hyperlink to U.S. Government statistical agencies on the World Wide Web and, for the first time, a link to all private and international sources. These sites may offer additional or more recent information or data for the *Statistical Abstract* table.

To make use of these hyperlinks, the user is responsible for having a Web browser and access to the Internet. The Census Bureau does not support Internet access from this CD-ROM but provides these URL references as a convenience to our customers and users who are connected to the Web. The user needs to tell Acrobat initially where to find their Web browser and will need to click on the menu item on the top bar “File -> Preferences -> Weblink.” This brings up a “Weblink Preferences” window where the user will need to click on the Browse button in order to specify the location of their Web browser.

Figure 4. PDF Table With Buttons

No. 31. Metropolitan and Nonmetropolitan Area Population: 1970 to 1998

[As of April 1, except 1998, as of July 1 (139,480 represents 139,480,000). Data exclude Puerto Rico. Metropolitan areas are defined by U.S. Office of Management and Budget as of year shown, except as noted]

Item	MSAs and CMSAs ²				
	1970	1980 ¹ (SMSAs)	1980	1990	1998
Metropolitan areas:					
Number of areas	243	318	276	276	276
Population (1,000)	139,480	169,431	177,505	198,407	216,478
Percent change over previous year shown . .	³ 23.6	21.5	(X)	11.8	9.1
Percent of total U.S. population	68.6	74.8	78.4	79.8	80.1
Land area, percent of U.S. land area	10.9	16.0	20.0	20.0	20.0
Nonmetropolitan areas, population (1,000)	63,822	57,115	49,037	50,311	53,820

X Not applicable. ¹ SMSA=standard metropolitan statistical area. Areas are as defined June 30, 1981. ² Areas are as defined June 30, 1999. ³ Percent change from 1960.

Source: U.S. Census Bureau, *U.S. Census of Population: 1970*; "MA-98-3a Population Estimates for Metropolitan Areas and Components, Annual Time Series April 1, 1990, to July 1, 1998"; published 17 December 1999; <<http://www.census.gov/population/estimates/metro-city/ma98-03a.txt>>; and unpublished data.



Using Excel or Lotus Spreadsheet Files

More than 1,500 Statistical Abstract tables are available in both Excel (.xls or .xlw) and Lotus (.wk1 or .wk4) spreadsheet formats. These spreadsheet files can be directly opened with Excel or Lotus or other software packages that recognize these two file formats.

The files are located on the disc in a series of subdirectories under the main directory called PDF\LINKS. The subdirectories correspond to the various subject sections (i.e., health, law, energy) and appendices (APP) in the publication. The worksheet files are **01Snnnn.wk1 or 01Snnnn.xls**, where nnnn is the equivalent Statistical Abstract table number with leading zeros.

Most of these files contain either more years of data or more detail (additional variables or geographic units) than those shown in the book or in the Adobe Acrobat software. Also, tables from the U.S. Government statistical agencies will have Internet addresses located below the source citation for the tables to facilitate locating and accessing additional information or data.

Sources of Assistance and Key Addresses

To order or obtain information:

Customer Services Center.....301-763-INFO
Fax301-457-3842

Questions regarding data content and statistics:

Statistical Compendia Branch.....301-457-1171
Fax301-457-4707
Internet e-mailcompendia@census.gov
Web site.....<http://www.census.gov/statab/www/>

Technical Support:

Electronic Products Development Branch301-457-1324
Internet e-mailTechSupp@census.gov
Web site<http://tier2.census.gov/techtalk.htm>

Metropolitan and Congressional district maps:

Geography Division
Products and Services Staff301-457-1128
Ordering information on the Internet at
<http://www.census.gov/geo/www/mapGallery/index.html>

Key Addresses

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345 Park Avenue
San Jose, California 95110-2704

Microsoft Corporation
One Microsoft Way
Redmond, WA 98052-6399

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Other Census Bureau CD-ROM Products

USA Counties: 1998 (2000 forthcoming late 2002)

A popular county database with over 5,000 data items. This CD-ROM contains demographic, economic, and governmental information from 15 different federal and private organizations. Not only do you get the most up-to-date data, you get many data in time series. This CD also features expanded COPY and new MAP functions.

State and Metropolitan Area Data Book: 1997-98

Another popular compendia product featuring Adobe Acrobat software, Internet links, and Lotus and Excel spreadsheet data. Features the latest demographic and economic estimates in comparison with 1990.

County and City Data Book: 2000 (forthcoming summer 2002)

Well known reference source with data on counties, cities of 25,000 persons or more, and towns and places 2,500 or more. Extensive data from the 2000 census featured.